Algorithms						
Week	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**
1	**AM: Lesson 1**: *Math Review* **PM: Lab 1**	**AM: Lesson 2:** *Intro to Analysis Of Algorithms* **PM: Lab 2**	**AM: Lesson 3**: *Average Case Analysis* **PM: Lab3**	**AM: Lesson 4**: *MergeSort* **PM: Lab 4**	**AM: Lesson 5**: *QuickSort* **PM: Lab5**	**AM: Lesson 5**: **Continued**: *QuickSelect* **Weekend: Lab5 Continued**
2	**AM: Lesson 6:** *Lower Bound on Comparison-Based Algorithms And RadixSort* **PM: Lab 6**	**AM: Lesson 7:** *Review of Data Structures* **PM: Lab 7**	**AM: Lesson 8:** *Red-Black Trees* **PM: Lab 8**	**AM: Lesson 9**: *Heaps and Priroity Queues* **PM: Lab 9**	**AM:** *Review for Midterm* **PM: Study for midterm**	*Midterm Exam*
3	**AM: Lesson 10:** *Algorithm Design* **PM: Lab10**	**AM: Lesson 11:** *Graphs and Graph Traversal* **PM: Lab 11**	**AM: Lesson 12:** *Directed Graphs* **PM: Lab 12**	**AM: Lesson 13:** *Weighted Graphs – Shortest Path Algorithms* **PM: Lab 13**	**AM: Lesson 13:** *Weighted Graphs – Minimum Spanning Tree Algorithms* **PM: Lab 13**	**AM: Lesson 14:** *NP-Complete Problems* **Weekend: Lab 14**
4	**AM: Lesson 14:** *NP-Complete Problems* **PM:** *Review for Final Exam*	**AM:** *Review for Final Exam* **PM: Study for Final Exam**	**AM**: *Final Exam*	**AM**: *Go Over Final Exam*		